

No active trail

DELPHION

RESEARCH

PRODUCTS

INSIDE DELPHION

Select CR

SEARCH

Logout Work Files Saved Searches

My Account

Search: Quick/Number Boolean Advanced Derwent

The Delphion Integrated View: INPADOC RecordBuy Now: PDF | More choices...

Tools: Add to Work File | Create new Work File

View: Jump to: Top

Go to: Derwent

Email this to a

* Title: **JP03289052B2:**Derwent Title: Ink jet recording ink - contg. aq. soln. of colourant, ammonium polyacrylic acid and polyoxyethylene surfactant [Derwent Record](#)

Country: JP Japan

Kind: B2 Published registered Patent Specification (See also: [JP06340834A2](#))

High Res.

Inventor: see Assignee

Assignee: None

This is the publication no. of the application (128689), and its abstract is attached.

Published / Filed: 2002-06-04 / 1993-05-31

Application Number: **JP1993000128689**IPC Code: **C09D 11/00**

ECLA Code: None

Priority Number: 1993-05-31 JP1993000128689

INPADOC Legal Status: None [Buy Now: Family Legal Status Report](#)

Family:

Buy PDF	Publication	Pub. Date	Filed	Title
<input checked="" type="checkbox"/>	JP06340834A2	1994-12-13	1993-05-31	INK-JET RECORDING INK
<input checked="" type="checkbox"/>	JP03289052B2	2002-06-04	1993-05-31	

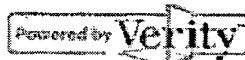
2 family members shown above

Other Abstract Info:

CHEMABS 123(06)059137M DERABS C1995-063926



Nominate this for the Gallery...



THOMSON

Copyright © 1997-2005 The Thomson Co.

[Subscriptions](#) [Web Seminars](#) [Privacy](#) [Terms & Conditions](#) | [Site Map](#) | [Contact Us](#) | [Help](#)

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 06-340834
 (43)Date of publication of application 13.12.1994

(51)Int.CI.

C09D 11/00
 C09D 11/02
 C09D 11/10

(21)Application number : 05-128689

(71)Applicant : **RICOH CO LTD**

(22)Date of filing : 31.05.1993

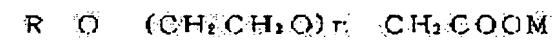
(72)Inventor : **IGARASHI MASATO**
KAWANISHI TOSHIYUKI
KAWAMURA FUMIO

(54) INK-JET RECORDING INK

(57)Abstract:

PURPOSE: To obtain an ink-jet recording ink capable of forming a clear image on paper by using polyammonium acrylate and a specific surfactant as additives in an ink-jet recording ink in the form of an aq. soln. of a colorant.

CONSTITUTION: An ink-jet recording ink in the form of an aq. soln. of a colorant is blended with additives comprising polyammonium acrylate and a surfactant of the formula (wherein R is 6-14C alkyl; n is 3 to 12; and M is an alkali metal ion, a quaternary ammonium, a quaternary phosphonium, or an alkanolamine). The content of the polyammonium acrylate is suitably at least 0.01wt.%. The amt. of the surfactant of the formula to be added is pref. at least 0.2wt.%. Where at least two inks differing in color are used, at least one of them must contain sodium slginate and the surfactant of the formula.



LEGAL STATUS

[Date of request for examination] 19.11.1999

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3289052

[Date of registration] 22.03.2002

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]